

FIG. 1
Prior Art

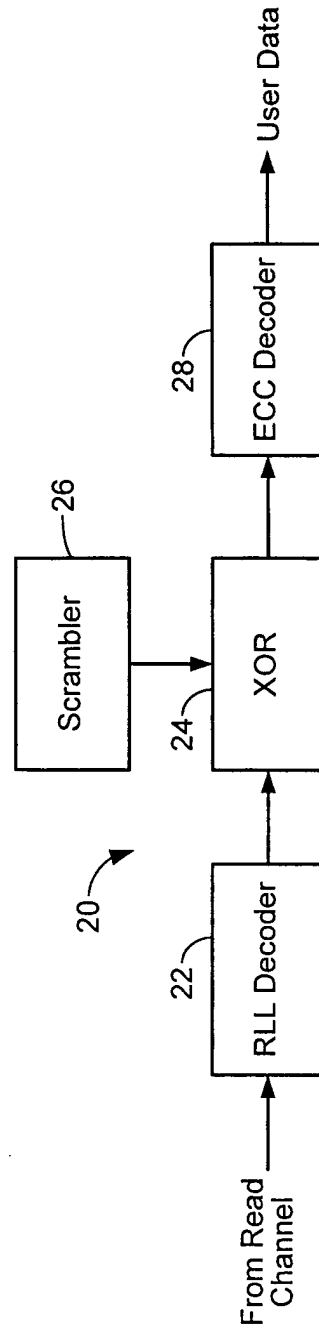


FIG. 2
Prior Art

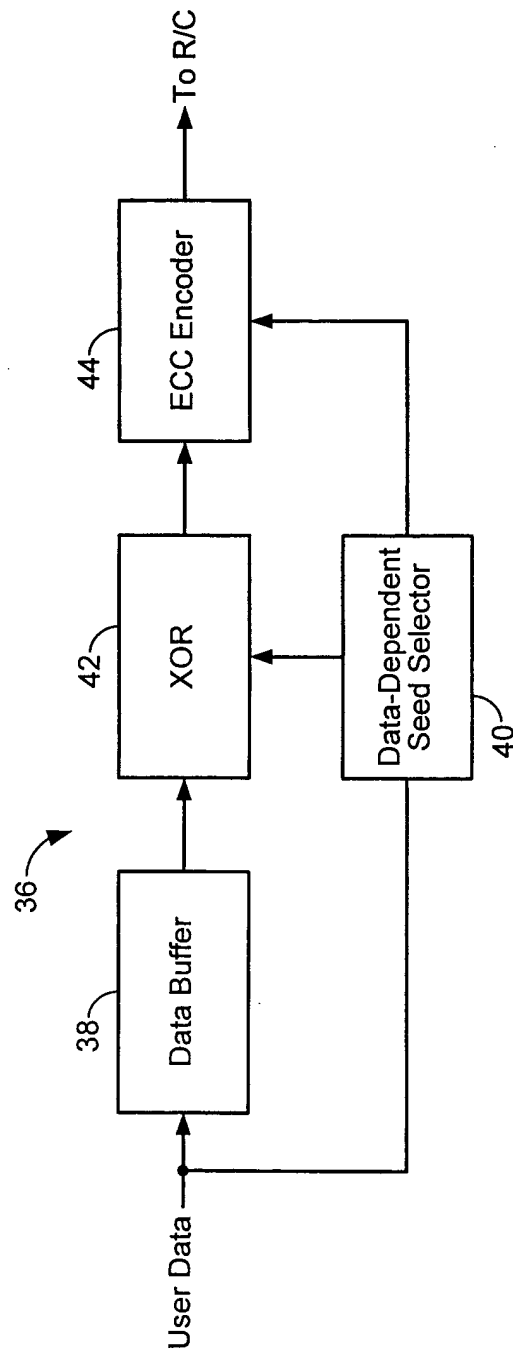


FIG. 3

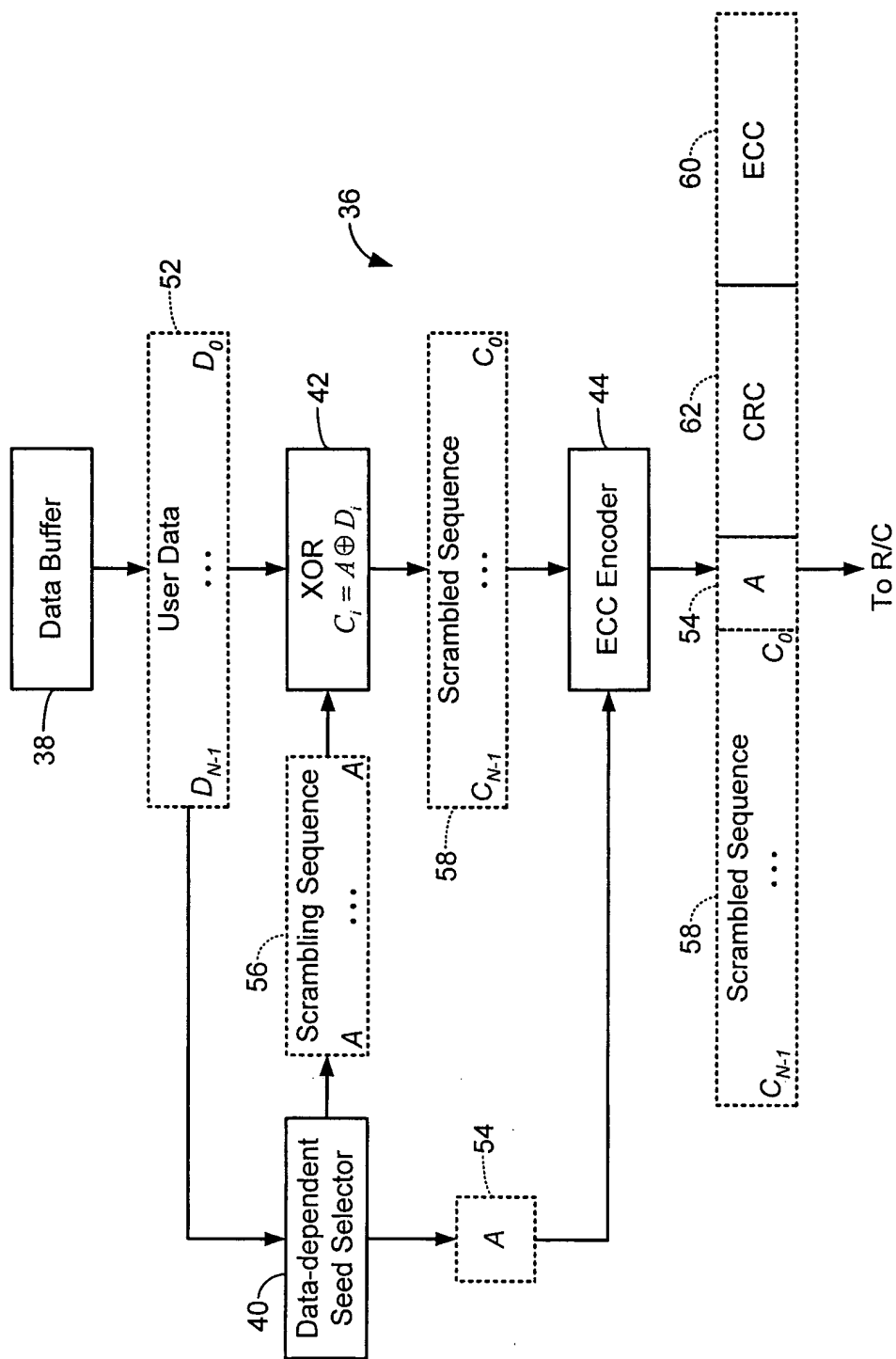


FIG. 4

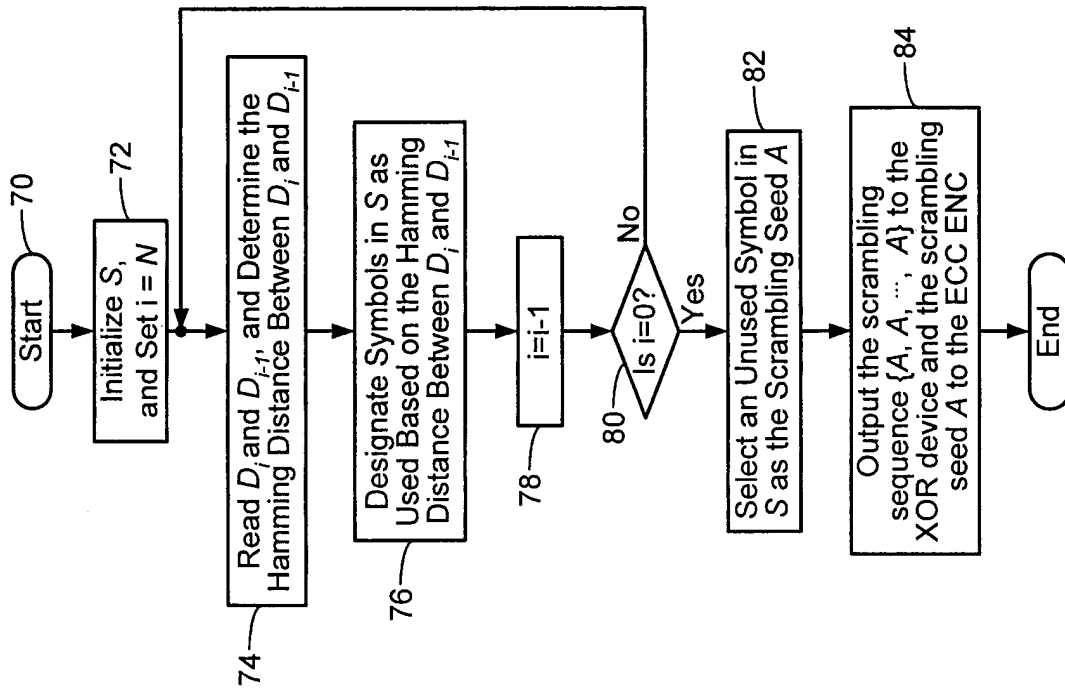


FIG. 5

Relationship	Symbols Designated as Used	Amount	Min. Hamming Distance	Min. Hamming Weight	Max. Sequence Size
$d(D_i, D_{i-1}) \geq 3$	D_i, D_{i-1}	2	$\{1,2\}$ or $\{2,1\}$	15.0%	255
$d(D_i, D_{i-1}) = 2$	D_i, D_{i-1}, X, Y (where $d(X, D_i) = d(X, D_{i-1}) = 1$ and $d(Y, D_i) = d(Y, D_{i-1}) = 1$)	4	$\{1,3\}$ or $\{3,1\}$	20.0%	
$d(D_i, D_{i-1}) = 1$	D_i, D_{i-1}	2	$\{1,2\}$ or $\{2,1\}$	15.0%	
$D_i = D_{i-1}$	D_i, D_{i-2}, Z (where $d(Z, D_i) = 1$)	12	$\{2,2,1\}$	16.67%	

92

FIG. 6A

Relationship	Symbols Designated as Used	Amount	Min. Hamming Distance	Min. Hamming Weight	Max. Sequence Size
$d(D_i, D_{i-1}) \geq 3$	D_i, D_{i-1}	2	$\{1,2\}$ or $\{2,1\}$	15.0%	312
$d(D_i, D_{i-1}) = 2$	D_i, D_{i-1}, X, Y (where $d(X, D_i) = d(X, D_{i-1}) = 1$ and $d(Y, D_i) = d(Y, D_{i-1}) = 1$)	4	$\{1,3\}$ or $\{3,1\}$	20.0%	
$d(D_i, D_{i-1}) = 1$	D_i, D_{i-1}	2	$\{1,2\}$ or $\{2,1\}$	15.0%	
$D_i = D_{i-1}$	D_i, D_{i-2}, D_{i-3}, Z (where $d(Z, D_i) = 1$)	13	$\{2,2,1,1\}$	15.0%	

94

FIG. 6B

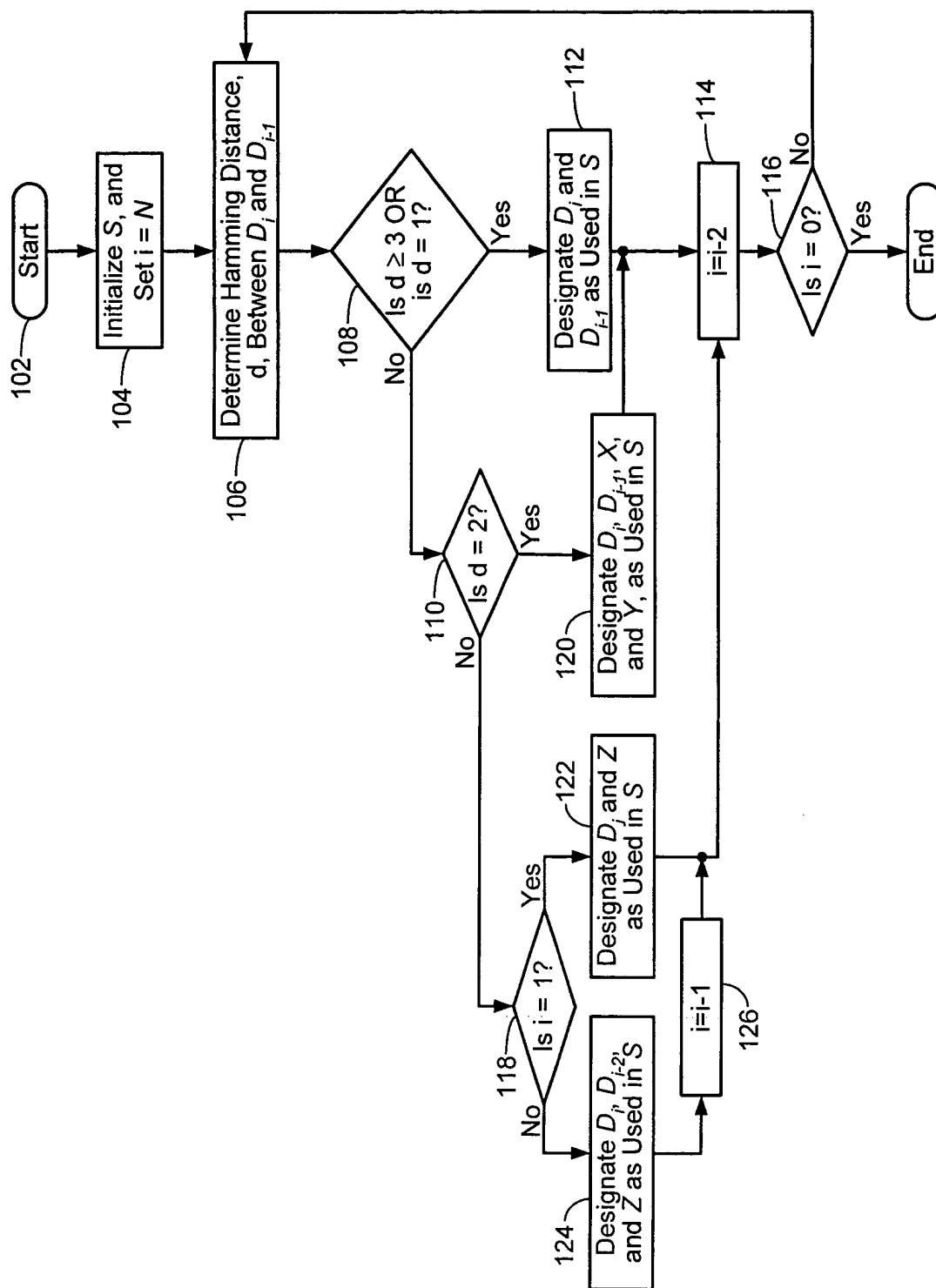


FIG. 7A

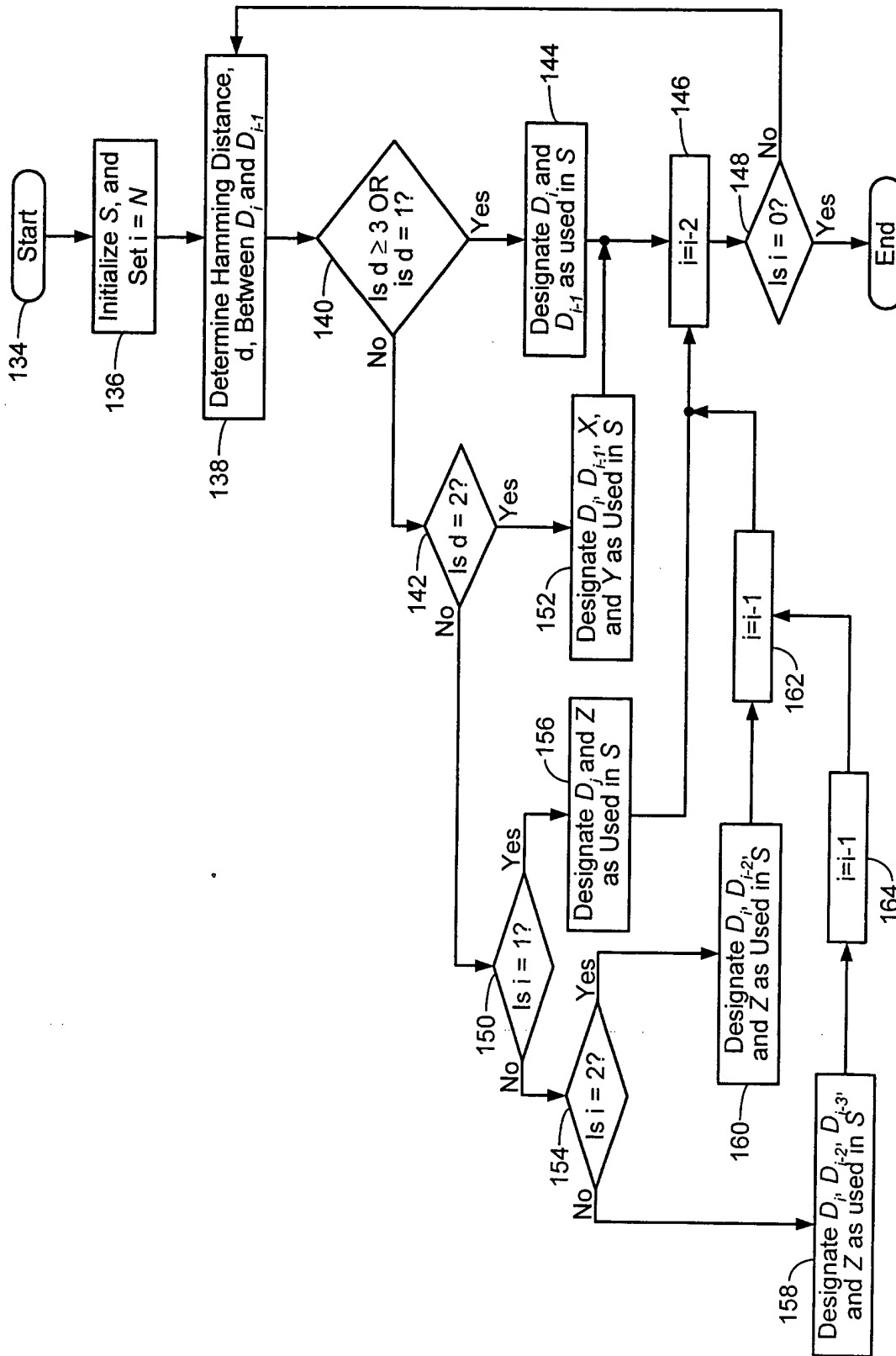


FIG. 7B

Title: METHOD AND APPARATUS FOR GENERATING A SEED
SET IN A DATA DEPENDENT SELECTOR

Inventors: Yu, Zhan

Atty. Ref.: MP0253

8/10

Relationship	Symbols Designated as Used	Amount	Min. Hamming Distance	Min. Hamming Weight	Max. Sequence Size
$d(D_i, D_{i-1}) \geq 3$	$D_i, \overline{D_i}, D_{i-1}, \overline{D_{i-1}}$	4	$\{1,2\}$ or $\{2,1\}$	15.0%	219
$d(D_i, D_{i-1}) = 2$	$D_i, \overline{D_i}, D_{i-1}, \overline{D_{i-1}}, X, Y$ (where $d(X, D_i) = d(X, D_{i-1}) = 1$ and $d(Y, D_i) = d(Y, D_{i-1}) = 1$)	6	$\{1,3\}$ or $\{3,1\}$	20.0%	
$d(D_i, D_{i-1}) = 1$	$D_i, \overline{D_i}, D_{i-1}, \overline{D_{i-1}}$	4	$\{1,2\}$ or $\{2,1\}$	15.0%	
$D_i = D_{i-1}$	$D_i, \overline{D_i}, D_{i-2}, \overline{D_{i-2}}, Z$ (where $d(Z, D_i) = 1$)	14	$\{2,2,1\}$	16.67%	

FIG. 8A

Relationship	Symbols Designated as Used	Amount	Min. Hamming Distance	Min. Hamming Weight	Max. Sequence Size
$d(D_i, D_{i-1}) \geq 3$	$D_i, \overline{D_i}, D_{i-1}, \overline{D_{i-1}}$	4	$\{1,2\}$ or $\{2,1\}$	15.0%	256
$d(D_i, D_{i-1}) = 2$	$D_i, \overline{D_i}, D_{i-1}, \overline{D_{i-1}}, X, Y$ (where $d(X, D_i) = d(X, D_{i-1}) = 1$ and $d(Y, D_i) = d(Y, D_{i-1}) = 1$)	6	$\{1,3\}$ or $\{3,1\}$	20.0%	
$d(D_i, D_{i-1}) = 1$	$D_i, \overline{D_i}, D_{i-1}, \overline{D_{i-1}}$	4	$\{1,2\}$ or $\{2,1\}$	15.0%	
$D_i = D_{i-1}$	$D_i, \overline{D_i}, D_{i-2}, \overline{D_{i-2}}, D_{i-3}, \overline{D_{i-3}}, Z$ (where $d(Z, D_i) = 1$)	16	$\{2,2,1,1\}$	15.0%	

FIG. 8B

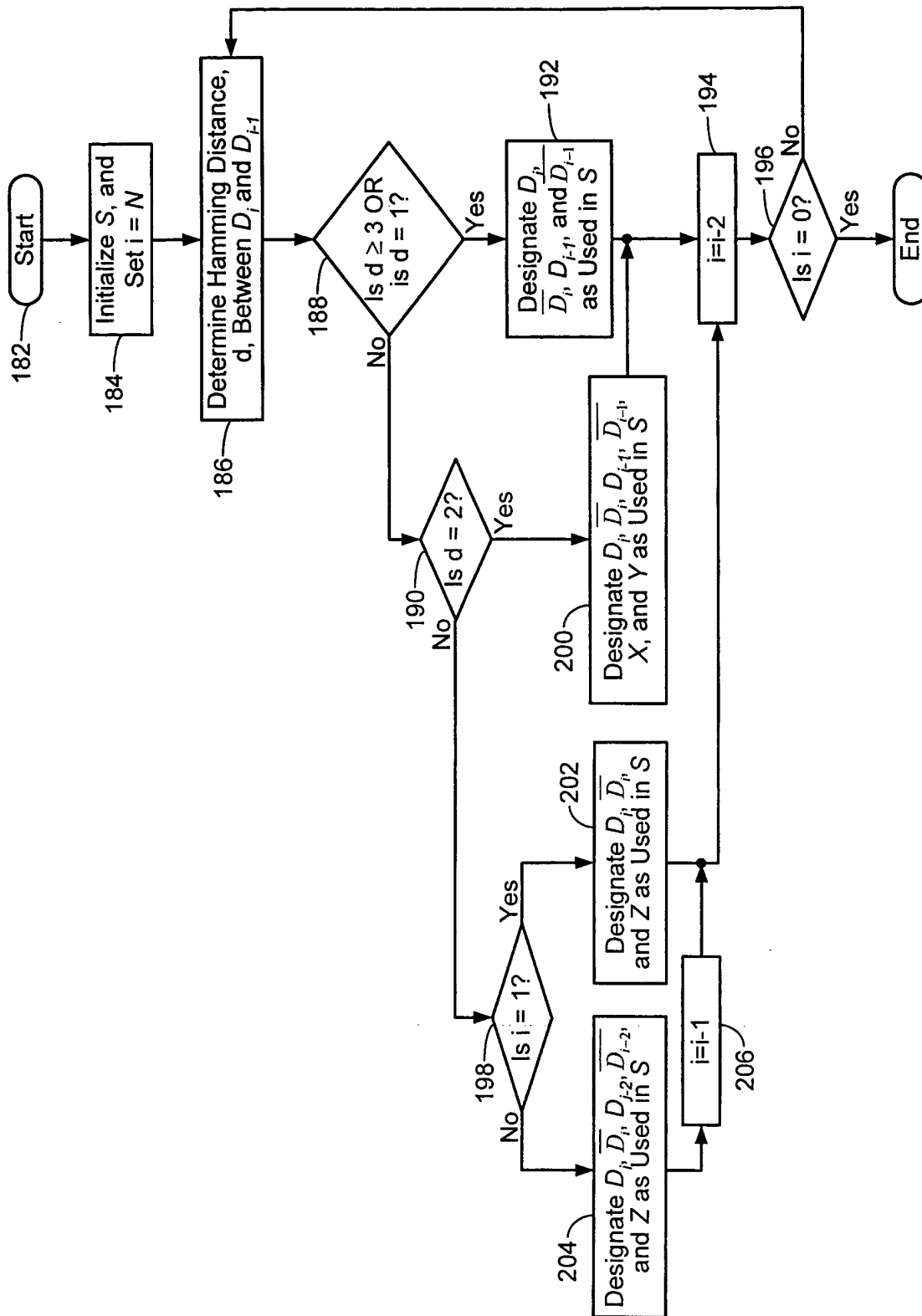


FIG. 9A

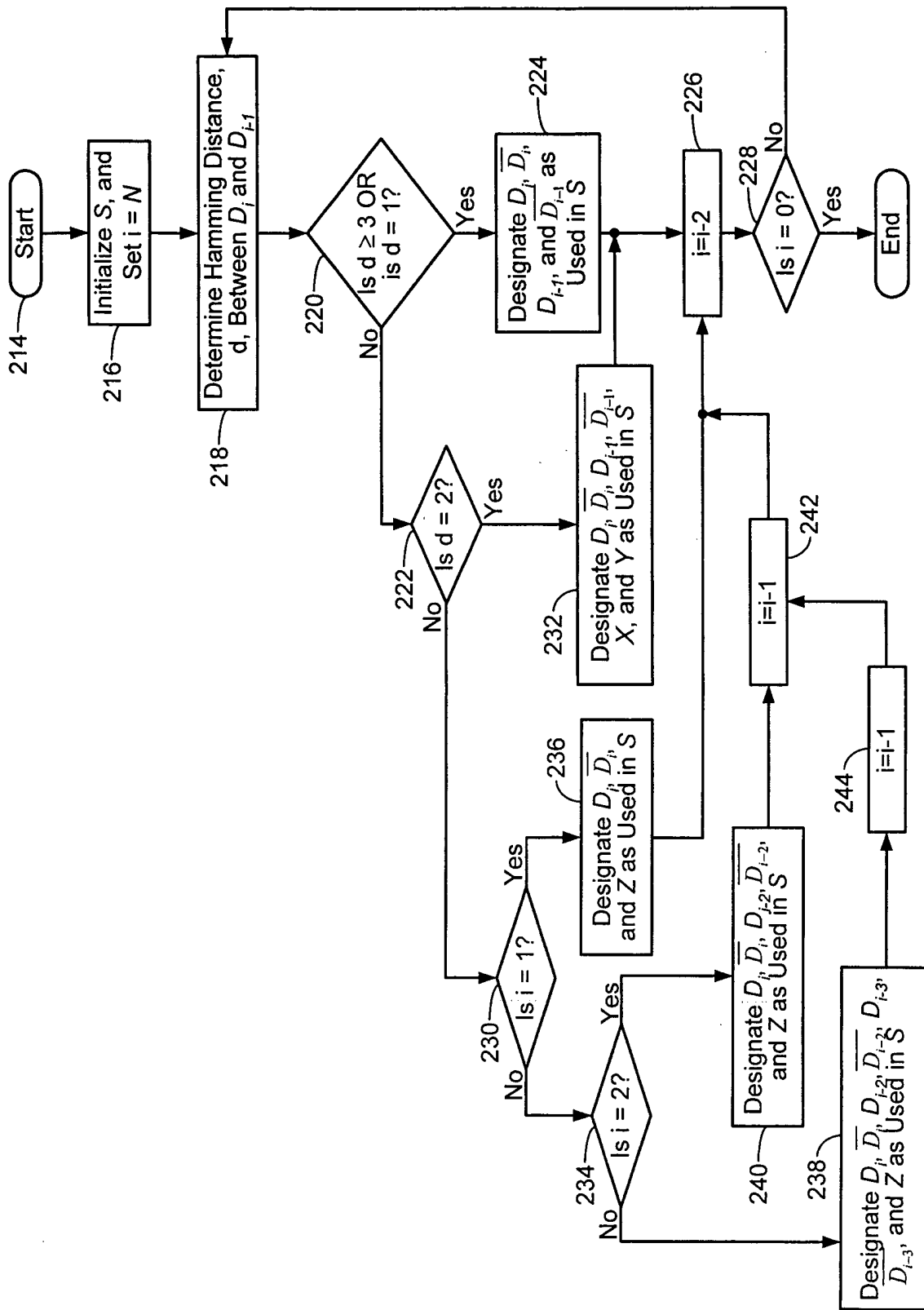


FIG. 9B